

01-18-02

A

**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**  
*(Only for new nonprovisional applications under  
37 C.F.R. 1.53(b))*

Attorney Docket No.

3033.1000-008

First Named Inventor or  
Application Identifier

Darrell H. Carney

Express Mail Label No.

EL928149341 US

J1046 U.S. Pro  
10/05/06 11

01/16/02

Title of  
Invention

Methods of Therapy with Thrombin Derived Peptides

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO:  
Assistant Commissioner for Patents  
Box Patent Application  
Washington, D.C. 20231

- |   |   |
|---|---|
| 1. [ ] Fee Transmittal Form<br><i>(Submit an original, and a duplicate for fee processing)</i>  | 6. [ ] Nucleotide and/or Amino Acid Sequence Submission<br>(if applicable, all necessary) |
| 2. [X] Specification <b>Total Pages [ 24 ]</b><br><i>(preferred arrangement set forth below)</i>  | a. [ ] Computer Readable Form   |
| - Descriptive title of the invention  | b. [ ] Paper Copy (identical to computer copy)  |
| - Cross References to Related Applications  | [ ] Pages   |
| - Statement Regarding Fed sponsored R & D   | c. [ ] Statements verifying identity of above copies                                      |
| - Reference to sequence listing, a table, or a computer program listing appendix  |   |
| - Background of the Invention   |   |
| - Brief Summary of the Invention  |   |
| - Brief Description of the Drawings ( <i>if filed</i> )   |   |
| - Detailed Description  |   |
| - Claim(s)  |   |
| - Abstract of the Disclosure  |   |
| 3. [ X ] Drawing(s) (35 U.S.C. 113) <b>Total Sheets [ 2 ]</b><br>[ X ] Fig. of the Drawings for Publication [ 3 ]<br>[ ] No Figure to be Published            |   |
| 4. [ ] Oath or Declaration <b>Total Pages [ ]</b>   |   |
| a. [ ] Newly executed (original or copy)  |   |
| b. [ ] Copy from a prior application (37 C.F.R. 1.63(d))<br><i>(for continuation/divisional with Box 17 completed)</i>  |   |
| i. [ ] <u>DELETION OF INVENTOR(S)</u><br>Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. 1.63(d)(2) and 1.33(b). |   |
| 5. [ ] CD-ROM or CD-R in duplicate, large table or Computer Program ( <i>Appendix</i> )   |   |

**ACCOMPANYING APPLICATION PARTS**

7. [ ] Assignment Papers (cover sheet & documents)  
[ X ] Assignee - Univ. of Texas System, Board of Regents  
Austin, Texas 78701
8. [ ] Power of Attorney [ ] 37 C.F.R. 3.73(b) Statement
9. [ ] English Translation Document (*if applicable*)
10. [ ] Information Disclosure Statement (IDS)/PTO-1449 [ ] Copies of IDS Citations
11. [ ] Preliminary Amendment
12. [X] Return Receipt Postcard
13. [ ] Small Entity Statement(s)
- 14a. [ ] Foreign Priority Claim under 35 U.S.C. §119 or 365
- 14b. [ ] Certified Copy of Priority Document(s)
15. [ ] Nonpublication Request (*check parent application*)
16. [ X ] Other Remarks Letter

## 17. If a CONTINUING APPLICATION, check appropriate box; supply the requisite information.

[ X ] Continuation [ ] Divisional [ ] Continuation-in-part (CIP) of prior application No.: 09/904,090

Prior application information: Examiner: Not Assigned Group Art Unit: 1646

The entire disclosure of the prior application is considered a part of the disclosure of the accompanying application and is hereby incorporated by reference.  
*(Add standard Related Applications section with incorporation by reference to specification or update same)*

## 18. CORRESPONDENCE ADDRESS

NAME	Customer No. 021005				
	HAMILTON, BROOK, SMITH & REYNOLDS, P.C.				
ADDRESS	530 Virginia Road, P.O. Box 9133				
CITY	Concord	STATE	MA	ZIP CODE	01742-9133
COUNTRY	USA	TELEPHONE	(978) 341-0036	FAX	(978) 341-0136

Signature	<i>Linda M. Chinn</i>		Date	<i>January 16, 2002</i>
Submitted by Typed or Printed Name	Linda M. Chinn		Reg. Number	31,240

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Darrell H. Carney

Continuation Application of

Application No.: 09/904,090

Filed: July 12, 2001

For: Methods of Therapy with Thrombin Derived Peptides

Date: 1-16-02

EXPRESS MAIL LABEL NO. EL928149341 US

REMARKS

Box PATENT APPLICATION

Assistant Commissioner for Patents

Washington, D.C. 20231

Sir:

The above-captioned application is a continuation of application number 09/904,090 filed on July 12, 2001 to which priority is claimed under 35 U.S.C. §120.

The related applications paragraph has been revised to include the parent application.

The parent application of this continuation application teaches that physiologically functional equivalents of thrombin derivatives encompass modifications such as amidation of the carboxyl terminus (page 10, lines 3-10). The parent application additionally teaches specific amino acid sequences of thrombin derivatives, such as SEQ ID NO.: 3 (page 2-3, lines 28 and 1, respectively).

The present application has been amended at page 3, lines 6-13, and at page 7, lines 8-11 to place the teachings of the parent application described in the previous paragraph in additional

-2-

locations in the continuation application to more readily convey this aspect of the invention to the public. Further to that end, the amino acid sequence of SEQ ID NO.: 3 has been additionally represented as a sequence with amide at the C-terminus in SEQ ID NO.: 4.

SEQ ID NO.: 4 of the parent application has now been renumbered as SEQ ID NO.: 5 in this continuation application for purposes of maintaining the continuity of the numbering of the sequences.

The subject matter of Claims 6-8 and 21-23 are first presented in this continuation application, but is fully supported in both the parent and this application. Support can be found in the specification of the parent application at least at page 10, lines 3-10 and pages 2-3, lines 28 and 1, respectively. The claims in this application have been renumbered due to the addition of the new claims, and dependencies were also suitably renumbered as necessary. In addition, an obvious typographical error, an erroneous sequence identification number, has now been corrected in Claims 5 and 20.

No new matter has been added by the amendments to the specification or by the new claims. Therefore, entry of this application as a continuation application of the parent application is respectfully requested.

Respectfully submitted,

HAMILTON, BROOK, SMITH & REYNOLDS, P.C.

By Linda M. Chinn  
Linda M. Chinn  
Registration No. 31,240  
Telephone: (978) 341-0036  
Facsimile: (978) 341-0136

Concord, MA 01742-9133

Dated: January 16, 2002